

10/522827

DT15 PCT/PTO 31 JAN 2005
CASE LB/G-32992A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



IN RE PCT NATIONAL STAGE APPLICATION OF
JEVSEVAR ET AL.

INTERNATIONAL APPLICATION NO: PCT/EP03/08308

FILED: 28 JULY 2003

U.S. APPLICATION NO: Not Yet Known

35 USC §371 DATE: Herewith

FOR: SYNTHETIC GENE CODING FOR HUMAN GRANULOCYTE-COLONY
STIMULATING FACTOR FOR THE EXPRESSION IN *E. coli*

MS: Amendment

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This paper is being filed within three months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 of the international application. Therefore, no fees are required. If a fee is deemed to be required, the Commissioner is hereby authorized to charge such fee to Deposit Account No. 19-0134.

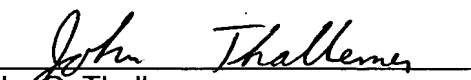
In accordance with 37 C.F.R. §1.56, applicants wish to call the Examiner's attention to the references cited on the attached form(s) PTO-1449.

The listed references were cited in the international stage search report. Since these references are of record in the instant PCT application PCT/EP03/08308, copies are not enclosed herewith.

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form(s).

Respectfully submitted,

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Date: 1/31/05

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

DT15 Pat'd Sec'y Pato
ATTY. DOCKET
LB/G-32992A
APPLICATION NO.
Not Yet Known
APPLICANT
JEVSEVAR ET AL.
FILING DATE
Herewith10/522827
JAN 2005

Group

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	5,840,543	11/24/98	Bhupendra Vallabh et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AM						<input type="checkbox"/>	<input type="checkbox"/>
	AN						<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

	AR	Devlin et al., "Alteration of Amino-Terminal Codons of Human Granulocyte-Colony-Stimulating Factor Increases Expression Levels and Allows Efficient Processing by Methionine Aminopeptidase in Escherichia Coli", Gene, Vol. 65, No. 1 pp. 13-22 (1988).
	AS	Jeong et al., "Secretory Production of Human Granulocyte Colony-Stimulating Factor in Escherichia coli", Protein Expression and Purification, Vol. 23, No. 2, pp. 311-318 (2001).
	AT	Kane, "Effects of Rare Codon Clusters on High-Level Expression of Heterologous Proteins in Escherichia Coli", Current Opinion in Biotechnology, Vol. 6, No. 5, pp. 494-500 (1995).
	AU	Makrides, "Strategies for Achieving High-Level Expression in Genes in Escherichia coli", Microbiol. Rev., Vol. 60, No. 3, pp. 512-538 (1996).

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.